

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-8. (Canceled)

9. (Previously Presented) A method for treating an area of tissue, where the area of tissue includes a plurality of different sub-areas of tissue which have different characteristics:

providing a plurality of light emitting devices optically coupled with the area of tissue, wherein the light emitting devices are configured into different regions, where different sub-areas of tissue having different characteristics correspond to different regions of light emitting diodes;

sensing an amount of light reflected from each of the different sub-areas;

driving a first region of the plurality of light emitting devices to output a first light treatment to a first sub-area of tissue, wherein the first light treatment is determined based on a first amount of light reflected from the first sub-area; and

driving a second region of the plurality of light emitting devices to output a second light treatment to a second sub-area of tissue, wherein the second light treatment is determined based on a second amount of light reflected from the second sub-area of tissue.

10. (Previously Presented) The method of claim 9, wherein the first light treatment induces a first amount of tanning in the first sub-area.

11. (Previously Presented) The method of claim 10, wherein the second light treatment induces a second amount of tanning in the second sub-area.

12. (Previously Presented) The method of claim 9, wherein the first light treatment includes light having a wavelength below 400 nm.

13. (Previously Presented) The method of claim 9, wherein the first light treatment provides for an irradiance at least  $100 \text{ mW/cm}^2$  for the first sub-area.

14. (Previously Presented) The method of 9, wherein the first light treatment provides for a first level of irradiance for the first sub-area, and the second light treatment provides for a second level of irradiance for the second sub-area and the second level of irradiance is less than the first level of irradiance.

15. (Previously Presented) The method of claim 9, further including driving the plurality of light emitting devices to induce tanning in the area of tissue, such that the tanning operates to provide for a more uniform distribution pigmentation in the area tissue, than was present in the area of tissue prior to the induced tanning.

16. (Previously Presented) A method for treating an area of tissue, where the area of tissue includes a plurality of different sub-areas of tissue which have different amounts of pigmentation:

sensing an amount of light reflected from each of the plurality of different sub-areas; and

applying a light treatment to the area of tissue, based on the amount of light reflected from each of the plurality of different sub-areas, wherein the light treatment operates to reduce differences in the amount of pigmentation in different sub-areas of tissue.

17. (Previously Presented) The method of claim 16, wherein the applying the light treatment includes:

generating a first amount of light to apply a first light treatment to a first sub-area of the area of tissue; and

generating a second amount of light to apply a second light treatment to a second sub-area of the area of tissue.

18. (Previously Presented) The method of claim 16, wherein the applying the light treatment includes:

applying a first amount of light energy to a first group of sub-areas of tissue of the area of tissue, where the first group of sub-areas of tissue have less pigmentation, than a second group of sub-areas of tissue to which the first amount of light energy is not applied.

19. (Previously Presented) The method of claim 18, wherein the first amount of light energy induces a first amount of tanning in the first group of sub-areas of tissue.

20. (Previously Presented) The method of claim 18, wherein the first amount of light energy includes light having a wavelength below 400 nm.

21. (Previously Presented) The method of claim 18, wherein the first amount of light energy provides for an irradiance at least  $100 \text{ mW/cm}^2$  for the first group of sub-areas.